Applying the TEEBAgriFood Evaluation Framework:

Overarching Implementation Guidance

**Worksheets**

These worksheets follow the activities outlined in **Applying the TEEBAgriFood Evaluation Framework: Overarching Implementation Guidance**. The Guidance and these worksheets have been developed to assist you in applying the [**TEEBAgriFood Evaluation Framework**](http://teebweb.org/agrifood/home/teebagrifood/). To further assist you, a database of evaluation frameworks, resources, databases, and case studies can be found in the **True Cost Accounting Inventory**.

**To use these worksheets please *download* or *make a copy*.**

# Phase 1: Frame

### Step 1: Outline your interest

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### Step 2: Determine the issue of interest

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### Step 3: Clarify the purpose

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### Step 4: Identify stakeholders and form an advisory committee

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### Step 5: Outline an action plan for your results

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# Phase 2: Describe and Scope

### Step 6: Describe the system

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### Step 7: Describe the agri-food value chain

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| --- | --- | --- | --- | --- |
| **Stage** | **Agricultural Production** | **Manufacturing and Processing** | **Distribution, Marketing, and Retail** | **Household Consumption** |
| **Activity** |  |  |  |  |
| **Inputs** |  |  |  |  |
| **Outputs** |  |  |  |  |
| **Location** |  |  |  |  |

### Step 8: Describe the activities of interest

|  |  |
| --- | --- |
| **Agri-food value chain stage** |  |
| **Activities of interest** |  |
| **Methods and practices used to complete the activities** |  |

### Step 9: Describe the capital stocks

*The tables in steps 9-12 build up adding columns as you go. You may wish to start with the full table available in step 12.*

|  |  |  |
| --- | --- | --- |
| **Activity** | | |
| **Capital type** | **Capital managed** | **Capital used** |
| **Natural** |  |  |
| **Human** |  |  |
| **Social** |  |  |
| **Produced** |  |  |

### Step 10: Describe the flows

*Grey columns should be populated with content from previous steps*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Activity** | | | | | | |
|
| **Capital stocks** | | | **Flows: Inputs** | | **Flows: Outputs** | |
| **Capital type** | **Capital managed** | **Capital used** | **Purchased inputs** | **Ecosystem services** | **Agri & food outputs** | **Residuals** |
| **Natural** |  |  |  |  |  |  |
| **Human** |  |  |  |  |  |  |
| **Social** |  |  |  |  |  |  |
| **Produced** |  |  |  |  |  |  |

### Step 11: Describe the outcomes

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | | | | | | | | | | |
|
| **Capital stocks** | | | **Flows: Inputs** | | **Flows: Outputs** | | **Outcomes** | | | |
| **Capital type** | **Capital managed** | **Capital used** | **Purchased inputs** | **Ecosystem services** | **Agri & food outputs** | **Residuals** | **Human** | **Natural** | **Produced** | **Social** |
| **Natural** |  |  |  |  |  |  |  |  |  |  |
| **Human** |  |  |  |  |  |  |  |  |  |  |
| **Social** |  |  |  |  |  |  |  |  |  |  |
| **Produced** |  |  |  |  |  |  |  |  |  |  |

### Step 12: Describe the impacts

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | | | | | | | | | | | | | | |
|
| **Capital stocks** | | | **Flows: Inputs** | | **Flows: Outputs** | | **Outcomes** | | | | **Impacts** | | | |
| **Capital type** | **Capital managed** | **Capital used** | **Purchased inputs** | **Ecosystem services** | **Agri & food outputs** | **Residuals** | **Human** | **Natural** | **Produced** | **Social** | **Environ-mental** | **Economic** | **Health** | **Social** |
| **Natural** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Human** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Social** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Produced** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Phase 2: Describe and Scope

### Step 13: Assess materiality

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| --- | --- | --- | --- | --- |
|  | **Environmental** | **Economic** | **Health** | **Social** |
|  |  |  |  |

### Step 14: Select impacts for assessment

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| --- | --- | --- | --- |
| **Environmental  (inclusion/exclusion and reasoning)** | **Economic  (inclusion/exclusion and reasoning)** | **Health  (inclusion/exclusion and reasoning)** | **Social  (inclusion/exclusion and reasoning)** |
|  |  |  |  |

### Step 15: Identify opportunities for change

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# Phase 3: Measure and Value

### Step 16: Select an analytical approach and method

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### Step 17: Select appropriate variables and indicators

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity** | | | | | | | | | | | | |
|
|  | **Capital stocks** | | | | **Flows: Inputs** | | **Flows: Outputs** | | **Outcomes** | | | |
| **Measurement** | **Natural capital** | **Human capital** | **Social  capital** | **Produced capital** | **Purchased inputs** | **Ecosystem services** | **Agri & food outputs** | **Residuals** | **Natural** | **Human** | **Social** | **Produced** |
| **Variables included** |  |  |  |  |  |  |  |  |  |  |  |  |
|
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|
| **Indicators** |  |  |  |  |  |  |  |  |  |  |  |  |

### Step 18: Collect data and measure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Type of indicators** | | | |
|  | **Natural capital** | **Human capital** | **Social capital** | **Produced capital** |
| **Indicators** |  |  |  |  |
| **Primary data** |  |  |  |  |
| **Secondary data** |  |  |  |  |
| **Modelled data** |  |  |  |  |

### Step 19: Apply value to your measurement

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### Step 20: Validate your study and test key assumptions

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# Phase 4: Take Action

### Step 21: Identify who is affected

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### Step 22: Apply and act on your results

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### Step 23: Communicate your results

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# Conclusion

This four-phase process completes the TEEBAgriFood Evaluation Framework application. Recognizing and accounting for the negative and positive environmental, social, and health externalities of food and agricultural systems is a significant contribution toward the creation of healthy and sustainable food systems. We hope you will share your work with governments, farmers, corporations, the finance and investment community, consumers, and other relevant stakeholders to foster action and food systems transformation.

Sharing your system description, study methodology, data, and results with partners and other groups that may benefit helps to inform future and similar studies and improves our collective understanding of eco-agri-food systems. We encourage you to submit your TEEBAgriFood application to the [**TCA Inventory**](https://airtable.com/shr3eH7gXan4SqHxB) collection of application case studies. Additionally, consider joining the True Cost Accounting Community of Practice, a vibrant community of stakeholders working collectively to strengthen and mainstream TCA for food systems.

For more information visit [www.futureoffood.org](http://www.futureoffood.org) or contact [tca@futureoffood.org](mailto:tca@futureoffood.org).